

<p>2001-019795/03 A25 (A26) SHIE 1999.04.05 SHINETSU CHEM IND CO LTD *JP 2000290689-A 1999.04.05 1999-097202(+1999JP-097202) (2000.10.17) C11D 3/43, 1/06, 7/26, 7/50, 3/20 Cleaner for dry cleaning, has specified volume resistivity and contains predetermined amount of silicone oils and surfactant C2001-006235</p>	<p>A(6-AE, 12-W12B)</p>
<p>NOVELTY The cleaner contains 95-99 weight percent of volatile silicone oil with a boiling point of 95-220°C, 0.1-5 wt.% of surfactant dissolved in silicone oil. The volume resistivity of cleaner at 25°C, is 1×10^{10} Ω.cm or less.</p> <p>USE For dry cleaning.</p> <p>ADVANTAGE The cleaner shows excellent cleaning effect. Since the volume resistivity is low, static generation is minimized. Damage of ozone layer is prevented by using highly safe cleaner.</p> <p>SPECIFIC COMPOUNDS</p>	<p>The silicone oil is siloxane chosen from hexamethyl disiloxane, octamethyl trisiloxane or decamethyl tetrasiloxane.</p> <p>EXAMPLE A cleaning solution was prepared by uniform dissolution of polyether sodium carboxylate (0.5 wt.%) in octamethyl cyclotetrasiloxane (99.5 wt.%). The volume resistivity of the prepared cleaner was 2.3×10^8 Ω.cm at 25°C. The cotton fabric (20 cm×20 cm) adhered with 2 g of motor oil was washed with the cleaning solution and dried. The cleaner showed excellent cleaning effect.</p> <p>TECHNOLOGY FOCUS Organic Chemistry - Preferred Surfactant: The surfactant is an ether carboxylic acid type anionic surfactant. The silicone oil is siloxane. (4pp3063DwgNo.0/0)</p> <p>JP 2000290689-A</p>